

Customer No. 022844

PATENT



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Applicant(s): Hallen, Christiansen, Attring, Witte

Serial No: Unknown Group Art Unit: Unknown

Filed: Herewith Examiner: Unknown

Title: INFORMATION CARRIER

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PRELIMINARY AMENDMENT

Sir:

Please enter the following preliminary amendment in the above-identified U.S. patent application which claims foreign priority to European Patent Application No. 00128302.7 filed on 12/22/00.

IN THE CLAIMS:

Please amend Claims 1-11 and cancel Claim 12, without prejudice, as follows:

1. A communication system for use with a vehicle comprising:
a first communication unit, located within a vehicle, and a

portable second communication unit,
said first communication unit comprising a first memory
circuit being connected with a first transceiver, and said
second communication unit comprising a second memory
circuit, connected with a second transceiver, said
transceivers being arranged to establish a short-distance
wireless communication link between said first and second
communication units when the communication units are within
a communication range from each other, thereby enabling two-
way communication between said communication units, whereby
an information item, stored in any one of said memory
circuits is transmittable to the other one of said memory
circuits, over said wireless communication link when the
communication units are within said communication range from
each other.

2. A communication system in accordance with claim 1, wherein
said second communication unit is a portable fob.
3. A communication system in accordance with claim 1, wherein
said second communication unit is connectable to an external
information source, such as a personal computer, in order to
establish an information transmission link between said
external information source and said second communication
unit.
4. A communication system in accordance with claim 1, wherein
said second communication unit is connectable with a unit
for long-distance wireless communication and said first
communication unit is connectable with a long-distance
wireless communication network whereby a two-way connection
between the first and second communication units is
established by connecting said terminal with said first
communication unit over said network.
5. A communication system in accordance with claim 1, wherein
said first and second communication unit each comprises an

identification item, whereby a request for connection from any communication unit is tested to be qualified before enabling a connection between said communication units.

6. A communication system in accordance with claim 1, wherein said second communication unit is integrated in a cellular terminal.
7. A communication system in accordance with claim 1, wherein said first communication unit is connected with at least one vehicle data network within said vehicle.
8. A communication system in accordance with claim 1, wherein said first communication unit is connected with a vehicle computer within said vehicle.
9. A communication system in accordance with claim 1, wherein said second communication unit further comprises a clock device.
10. A communication system in accordance with claim 1, wherein said second communication unit further comprises a biometric sensor, for identifying a user.
11. A communication system in accordance with claim 10, wherein the output of said biometric sensor is used to classify users in order to give different users different access to the vehicle.

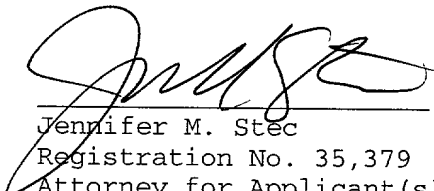
R E M A R K S

The amendments herein are being made to eliminate multiple dependencies as well as conform to U.S. patent practice.

Please charge any cost incurred in the filing of this Amendment, along with any other costs, to Deposit Account 06-

1510. If there are insufficient funds in this account, please charge the fees to Deposit Account No.06-1505.

Respectfully submitted,



Jennifer M. Stec
Registration No. 35,379
Attorney for Applicant(s)

Ford Global Technologies, Inc.
600 Parklane Towers East
Dearborn, Michigan 48126
313-206-2677
Fax: (313) 322-7162

ATTACHMENT - MARKED UP VERSION OF THE CLAIMS

1. A communication system for use with a vehicle comprising:
a first communication unit ~~(1)~~, located within a vehicle
~~(2)~~, and a portable second communication unit ~~(7)~~,
said first communication unit ~~(1)~~ comprising a first memory
circuit ~~(4)~~ being connected with a first transceiver ~~(3)~~,
and said second communication unit ~~(7)~~ comprising a second
memory circuit ~~(10)~~, connected with a second transceiver
~~(9)~~, said transceivers ~~(3,9)~~ being arranged to establish a
short-distance wireless communication link ~~(8)~~ between said
first and second communication units ~~(1,7)~~ when the
communication units are within a communication range from
each other, thereby enabling two-way communication between
said communication units ~~(1,7)~~, whereby an information item,
stored in any one of said memory circuits ~~(4,10)~~ is
transmittable to the other one of said memory circuits, over
said wireless communication link ~~(8)~~ when the communication
units ~~(1,7)~~ are within said communication range from each
other.
2. A communication system in accordance with claim 1, wherein
said second communication unit ~~(7)~~ is a portable fob.
3. A communication system in accordance with claim 1 ~~or 2~~,
wherein said second communication unit ~~(7)~~ is connectable to
an external information source, such as a personal computer
~~(13)~~, in order to establish an information transmission link
~~(15)~~ between said external information source and said
second communication unit ~~(7)~~.
4. A communication system in accordance with ~~any one of the~~
~~preceding claims~~ claim 1, wherein said second communication
unit ~~(7)~~ is connectable with a unit for long-distance
wireless communication, ~~such as a cellular terminal (14)~~,
and said first communication unit ~~(1)~~ is connectable with a
long-distance wireless communication network ~~(16)~~, ~~such as a~~
~~cellular network~~, whereby a two-way connection between the

first and second communication units ~~(1,7)~~ is established by connecting said terminal ~~(14)~~ with said first communication unit ~~(1)~~ over said network ~~(16)~~.

5. A communication system in accordance with ~~any one of the preceding claims~~ claim 1, wherein said first and second communication unit ~~(1,7)~~ each comprises an identification item, whereby a request for connection from any communication unit is tested to be qualified before enabling a connection between said communication units.
6. A communication system in accordance with claim 1, wherein said second communication unit ~~(7)~~ is integrated in a cellular terminal.
7. A communication system in accordance with ~~any one of the preceding claims~~ claim 1, wherein said first communication unit (1) is connected with at least one vehicle data network ~~(6)~~, such as a controller area network, within said vehicle.
8. A communication system in accordance with ~~any one of the preceding claims~~ claim 1, wherein said first communication unit is connected with a vehicle computer ~~(5)~~ within said vehicle.
9. A communication system in accordance with ~~any one of the preceding claims~~ claim 1, wherein said second communication unit ~~(7)~~ further comprises a clock device ~~(17)~~.
10. A communication system in accordance with ~~any one of the preceding claims~~ claim 1, wherein said second communication unit ~~(7)~~ further comprises a biometric sensor ~~(18)~~, for identifying a user.
11. A communication system in accordance with claim 10, wherein the output of said biometric sensor ~~(18)~~ is used to classify users in order to give different users different

access to the vehicle.

12. ~~A fob unit, for use in a communication system according to any one of the claims 1-11.~~